

INTEGRE – Pitcairn
Pitcairn– Activity n°3.2
Pitcairn Island botanical garden

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Description of Activity:

Characteristics: description of the activity, actions to be conducted, geographical area, ...

To develop a botanical garden featuring Pitcairn's nine endemic plants and native flora and fauna. This will be the first for Pitcairn.

To assist with the development of a botanical garden a plant nursery is required for the production of endemics and natives

List of actions:

- **Action 1:** To procure materials, tools and supplies to build a small nursery, shaded area and propagator for plant production.
- **Action 2:** Plant production requiring cuttings and seeds for potting.
- **Action 3:** Design and develop the botanical garden.

INTEGRE outcome that this activity will support:

R11: The environment has been developed through land improvements or the introduction of sustainable economic activities;

R12: Communities are aware of sustainable environmental management and involved in it

Pilot site issues this activity responds to:

3: Preservation of the environment and promotion of Pitcairn Island,

The purpose of the botanical garden is both to raise awareness of Pitcairn's endemics and engage the community in the importance of preserving these unique plants and to provide an informative attraction for visiting tourists.

Environment preservation: to further assist the Government of Pitcairn Island by assisting the production of natives and endemics for natural habitat. Assisting the Government of Pitcairn Islands to increase the endemic population in their natural habitat. This will ensure that endemic numbers don't become extinct or at critical point.

Community involvement: This project aims to attract the Pitcairn community of all ages to participate on a volunteer basis by providing labour. Community members will be required to assist with developing, planting and general maintenance. It raises community awareness on Pitcairn's endemics through all generations.

Attraction for visiting tourists: Pitcairn currently has limited attractions for visiting tourists. This is a great opportunity to display Pitcairn's unique endemics, natives and

flora and fauna. This project will enhance visiting tourists experience to Pitcairn and will attract flora and fauna enthusiasts.

Partners:

Pilot for the activity, Potential partners , Partners within the site / territories + ideas of cooperation (component 1) – importance of potential co-financing (

The project labour is based on a volunteer system by engaging the community of all ages to assist and take interest on a long term basis.

There is potential for NGO's to take interest in the future.

Trinity College (Dublin) keeps the Pitcairn's endemic species seed: a partnership might be considered in the future.

Cost of the activity and planned funding:

Total cost and details based on INTEGRE budget categories:

	Action 1 Nursery & shaded area	Action 2 Plant production	Action 3 Design & develop
1. Staff	\$3,600		\$3,600
2. Travel			
3. Equipment	\$6,000	\$5,000	
4. Consumables			
5. outside service providers			
5. Other direct costs			
Contribution requested from INTEGRE	\$9,600	\$5,000	\$3,600
List of other donors			

Total for the activity: \$18,200 – equipment needed in annex, details on costs in the activity table

Timetable: *over 2,5 years maximum (August 2014 - March 2017):*

	2014	2015				2016				2017
	T3	T1	T2	T3	T4	T1	T2	T3	T4	T1
Action 1		X	X	X						
Action 2				X	X	X	X	X	X	X
Action 3				X	X	X	X	X	X	X

Local acceptability and integration:

How has the solution been chosen? Were there any discussions / proposed alternatives?

The botanical garden and nursery concept come from a need to develop attractions for tourist and to preserve Pitcairn's endemics and natives. INTEGRE allows the opportunity for the community to seek funding for small projects like this one. This has been a lifelong dream of mine.

This project has the support of the Island Council and the Natural Resources Division.

Expected benefits for the community:

Who will benefit from the activity / depend the most on its results?

The community gains a greater knowledge of Pitcairn's endemics, natives and flora and fauna and has the opportunity to volunteer in the development and maintenance of the botanical garden. It instills pride and ownership in the community.

Pitcairn's tourism benefits by displaying an array of endemics, natives flora and fauna.

To ensure Pitcairn doesn't lose its endemics and to further build up the numbers.

Sustainability (where applicable) :

How will the continuity be ensured on the long term?

Having volunteer members will ensure that the botanical garden is maintained on a long term basis. If volunteer numbers drop a call will be made on the radio for additional volunteers. A Repopulation Plan has been developed by the Government of Pitcairn Islands and HMG. Potential new migrants can take an active part and join the volunteer group.

The botanical garden can be added to the Tourism marketing action plan, brochures can be developed as well as online media exposure ie. Pitcairn Facebook page and cruise ship exposure.

Revenue from entrance fees will be used to finance the maintenance of the garden.

As a reminder, here are the criteria that will be used to evaluate this activity:

1. Contributes to INTEGRE's objectives and expected outcomes;
2. Responds to the issues identified for that pilot site;
3. Strong local acceptance/integration into the cultural context
4. Benefits local communities
5. Sustainable in its use of the environment
6. Proven sustainability over time
7. Good cost-effectiveness ratio
8. Is cross-sectoral in nature – NB: Specific provision: private activities can only receive project support if they fill ALL the other conditions and such support cannot consist of a direct grant
9. Is reproducible, serves as a demonstration and/or is innovative
10. has joint funding (funding that is independent from INTEGRE is planned)

Annex: equipment needed:

Nursery and Shaded Area

12 X 150mm diameter x 3meters long Ground Treated - \$18.00 Each
10 x 150mm x 50mm x 6meters R/S Treated \$4.09 Per Meter ?
20 x 100mm x 50mm x 6 meter R/s Treated \$ 2.49 Per Meter
20 x 75mm x 50mm x 6meter R/S Treated \$190.00 Per Meter
10 x 6meter Long Corragated Roofing Iron Zincalume 18.61 each
2000 x 65mm Roofing Screws Galvanized
1 x 90mm Case Framing Nail gun Nails Gavlanized
3 x Rolls Shade Cloth Knitted Green \$347.83 each
200 Meters X Blue Poly Pipe water pipe
1 x 2meters Wide x 50 meters long
10 x 40kg Bags Potting Mix \$12.40 per Bag

Botanical Garden

20 x 100mm x 50mm x 6meters Dressed MG \$ 2.49 per meter
10 x 150mm x 50mm x 6meters Dressed MG \$4.09 per Meter
20 x 75mm x 50mm x 6meters Dressed MG \$2.00 Per meters
10 x 3meter long Corragated roofing Iron Zincalume \$18.61 Each
1 x 90mm case Framing NailGun Nails Galvanized Paslode
20 x 40kg Bags Potting Mix 12.40 each
20 x 40kg Bags Compost 10.00 Each
2 x 50meter Roll Weed mat \$ 261 per roll
1 x Heavy Duty Plastic Wheel Barrow
2 x 100meter Rolls Garden Hose \$168.00 per roll
4 x Gardenia Basic Hose set 12mm
4 x Plumb it hose outdoor Taps
2 x 10lt Bucket Green Stain
1 x 1830mm x 1530mm Garden Shed
2 x 2meter wide Rolls Shade Cloth Knitted Green